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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Masanori Iwasaki

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GROUP ART UNIT:

2613

DATE FILED: July 28, 1999

EXAMINER:

Richard J. Lee

INVENTION: "THREE-DIMENSIONAL IMAGE-CAPTURING APPARATUS"

RECEIVED

Assistant Commissioner of Patents  
Washington, D.C. 20231

APR 25 2003

AMENDMENT "D"

Technology Center 2600

S I R:

This Amendment "D" responds to the Office Action of December 16, 2002. Please reconsider the application in view of the amendment and remarks presented below.

IN THE CLAIMS

Please amend claims 1, 2, 3, 4, 5 and 7 as follows:

F1 1. (Three Times Amended) A three-dimensional image-capturing apparatus comprising:  
a single solid-state image-sensing device having a plurality of image capturing regions;

and

151 a plurality of optical systems for forming images of a subject in the image-capturing regions, each one of the optical systems corresponding to a different one of the image-capturing regions, the optical systems including a plurality of reflection means for reflecting rays from said subject a number of times, and at least a lens provided to be closer to said single solid-state image-sensing device than the closest reflection means to said subject among the reflection means;

wherein the reflection means and the lenses of the optical systems are used to form, in the corresponding image-capturing regions, separate images of said subject which are captured from different viewpoints having a distance therebetween.

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